

- * **Medicago sativa** L. subsp. **sativa** FABACEAE Alfalfa
origin: United States. **developed:** E.T. Bingham. **origin institute:** Wisconsin Agr. Exp. Sta., University of Wisconsin, Agronomy Dept., 1575 Linden Drive, Madison, Wisconsin 53706 United States. **cultivar:** MAG7. **pedigree:** Derived from 'Multileaf' alfalfa. Elite multileaf plant with white flowers was self-pollinated for three generations, diploidized via haploidy, re-doubled to a tetraploid, and inbred and selected seven more generations. **other id:** PL-4. **source:** Crop Sci. 33(6):1427 1993. **group:** CSR-ALFALFA. **other id:** W6 11387. **group:** W6. **restricted:** CSR. **remarks:** Deep inbred line of alfalfa $2n=4x=32$ chromosomes. Typical for an inbred of a cross pollinated species and exhibits inbreeding depression. Excellent combining ability and persistence in Wisconsin. Has not been tested for resistance to insects or diseases. Flower light purple to white, seeds tend to be whiter than standard alfalfa. Inbreeding coefficient is $F=.8$. Anticipated use is in research requiring an inbred. Cytoplasm male-fertile. Other characteristics typical of cultivated alfalfa. Perennial. Breeding Material. Seed.

PI 565275 to 565280. **Medicago sativa** L. FABACEAE Alfalfa

Donated by: Erwin, D.C., California Agr. Exp. Sta., University of California, Riverside, California 92521-0122, United States.
remarks: Six Alfalfa Germplasms. Received February 19, 1993.

- * PI 565275 **Medicago sativa** L. subsp. **sativa** FABACEAE Alfalfa
origin: United States. **developed:** D.C. Erwin, R.A. Khan. **origin institute:** California Agr. Exp. Sta., University of California, Dept. of Plant Pathology, Riverside, California 92521-0122 United States. **cultivar:** AV89-14D. **pedigree:** 21 plants selected from CUF101 (48%), UCPX1971 (19%), UC302 (10%), and UC340 (23%). **other id:** GP-269. **source:** Crop Sci. 33(6):1425 1993. **group:** CSR-ALFALFA. **other id:** W6 11388. **group:** W6. **restricted:** CSR. **remarks:** Non-dormant. Selected for resistance to verticillium wilt (*V. albo-atrum*). Also has resistance to fusarium wilt (*Fusarium oxysporum* f. sp. *medicaginis*) and moderate resistance to phytophthora rootrot (*Phytophthora medicaginis*). Perennial. Breeding Material. Seed.